

|                             |  |                   |              |
|-----------------------------|--|-------------------|--------------|
| <b>Issue Classification</b> |  | Application No.   | Applicant(s) |
|                             |  | 10/020,695        | KIM ET AL.   |
|                             |  | Examiner          | Art Unit     |
|                             |  | Joseph T. Woitach | 1632         |

**ISSUE CLASSIFICATION**

| ORIGINAL  |          | CROSS REFERENCE(S)        |                                   |    |   |   |   |  |                         |                      |
|---|----------|---------------------------|-----------------------------------|----|---|---|---|--|-------------------------|----------------------|
| CLASS   | SUBCLASS | CLASS                     | SUBCLASS (ONE SUBCLASS PER BLOCK) |    |   |   |   |  |                         |                      |
| 536   | 24.1     | 536                       | 24.31                             |    |   |   |   |  |                         |                      |
| INTERNATIONAL CLASSIFICATION                      |          |                           |                                   |    |   |   |   |  |                         |                      |
| C   | O        | 7                         | H                                 | 21 | 1 | 0 | 4 |  |                         |                      |
|   |          |                           |                                   |    |   |   |   |  |                         |                      |
|   |          |                           |                                   |    |   |   |   |  |                         |                      |
|   |          |                           |                                   |    |   |   |   |  |                         |                      |
|   |          |                           |                                   |    |   |   |   |  |                         |                      |
| (Assistant Examiner) (Date)                       |          | Joe Woitach 1/10/04       |                                   |    |   |   |   |  | Total Claims Allowed: 2 |                      |
| Jacob J. Dunn (Legal Instruments Examiner) (Date) |          | (Primary Examiner) (Date) |                                   |    |   |   |   |  | O.G. Print Claim(s) 1   | O.G. Print Fig. None |

Claims renumbered in the same order as presented by applicant

| Final | Original |
|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| 1     | 1        | 31    |          | 61    |          | 91    |          | 121   |          | 151   |          | 181   |          |       |          |
| 2     | 2        | 32    |          | 62    |          | 92    |          | 122   |          | 152   |          | 182   |          |       |          |
| 3     | 3        | 33    |          | 63    |          | 93    |          | 123   |          | 153   |          | 183   |          |       |          |
| 4     | 4        | 34    |          | 64    |          | 94    |          | 124   |          | 154   |          | 184   |          |       |          |
| 5     | 5        | 35    |          | 65    |          | 95    |          | 125   |          | 155   |          | 185   |          |       |          |
| 6     | 6        | 36    |          | 66    |          | 96    |          | 126   |          | 156   |          | 186   |          |       |          |
| 7     | 7        | 37    |          | 67    |          | 97    |          | 127   |          | 157   |          | 187   |          |       |          |
| 8     | 8        | 38    |          | 68    |          | 98    |          | 128   |          | 158   |          | 188   |          |       |          |
| 9     | 9        | 39    |          | 69    |          | 99    |          | 129   |          | 159   |          | 189   |          |       |          |
| 10    | 10       | 40    |          | 70    |          | 100   |          | 130   |          | 160   |          | 190   |          |       |          |
| 11    | 11       | 41    |          | 71    |          | 101   |          | 131   |          | 161   |          | 191   |          |       |          |
| 12    | 12       | 42    |          | 72    |          | 102   |          | 132   |          | 162   |          | 192   |          |       |          |
| 13    | 13       | 43    |          | 73    |          | 103   |          | 133   |          | 163   |          | 193   |          |       |          |
| 14    | 14       | 44    |          | 74    |          | 104   |          | 134   |          | 164   |          | 194   |          |       |          |
| 15    | 15       | 45    |          | 75    |          | 105   |          | 135   |          | 165   |          | 195   |          |       |          |
| 16    | 16       | 46    |          | 76    |          | 106   |          | 136   |          | 166   |          | 196   |          |       |          |
| 17    | 17       | 47    |          | 77    |          | 107   |          | 137   |          | 167   |          | 197   |          |       |          |
| 18    | 18       | 48    |          | 78    |          | 108   |          | 138   |          | 168   |          | 198   |          |       |          |
| 19    | 19       | 49    |          | 79    |          | 109   |          | 139   |          | 169   |          | 199   |          |       |          |
| 20    | 20       | 50    |          | 80    |          | 110   |          | 140   |          | 170   |          | 200   |          |       |          |
| 21    | 21       | 51    |          | 81    |          | 111   |          | 141   |          | 171   |          | 201   |          |       |          |
| 22    | 22       | 52    |          | 82    |          | 112   |          | 142   |          | 172   |          | 202   |          |       |          |
| 23    | 23       | 53    |          | 83    |          | 113   |          | 143   |          | 173   |          | 203   |          |       |          |
| 24    | 24       | 54    |          | 84    |          | 114   |          | 144   |          | 174   |          | 204   |          |       |          |
| 25    | 25       | 55    |          | 85    |          | 115   |          | 145   |          | 175   |          | 205   |          |       |          |
| 26    | 26       | 56    |          | 86    |          | 116   |          | 146   |          | 176   |          | 206   |          |       |          |
| 27    | 27       | 57    |          | 87    |          | 117   |          | 147   |          | 177   |          | 207   |          |       |          |
| 28    | 28       | 58    |          | 88    |          | 118   |          | 148   |          | 178   |          | 208   |          |       |          |
| 29    | 29       | 59    |          | 89    |          | 119   |          | 149   |          | 179   |          | 209   |          |       |          |
| 30    | 30       | 60    |          | 90    |          | 120   |          | 150   |          | 180   |          | 210   |          |       |          |